

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003032**Date Inspected:** 04-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1500**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:****Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:****Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:****Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:****Yes No N/A****Delayed / Cancelled:****Yes No N/A****Bridge No:** 34-0006**Component:** OBG & Tower Material**Summary of Items Observed:**

The Quality Assurance (QA) Inspector, Mahlon Lindenmuth, arrived on site at the Zhenhua Port Machinery Company facility on Changxing island, China to periodically monitor welding and Quality Control functions. While on site the Quality Assurance Inspector observed and/or discovered the following:

QA Inspector, Lindenmuth, performed the witness and marking of steel plate check samples. QA Lindenmuth accompanied ZPMC personnel to the steel laydown yard that contained the steel plate material for the 04-0120F4 project. The purpose of QA's visit was to verify that the Material Test Reports (MTR) matched the identification of the heat number and specified grade of material on the steel plate presented for check samples. QA Lindenmuth verified ten (10) steel plates and subsequently marked the areas of plate that the check samples will be taken from. The samples have been marked with QA Lindenmuth's lot number, the direction of rolling and the date. Upon completion of the marking ZPMC personnel proceeded with flame cutting the sample from the plate material. ZPMC personnel will ship the check samples to an independent testing lab located in Shanghai. The lab is identified as the Shanghai Institute of Steel Technology (SIST). All heat numbers and material grades and sizes have been recorded on the Check Sample Tracking Log located on the Team China server.

Summary of Conversations:**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By:	Lindenmuth,Mahlon	Quality Assurance Inspector
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Reviewed By:	Cuellar,Robert	QA Reviewer
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